Adam Hall

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Education

University of Michigan, Ann Arbor 2019
PhD in Statistics

University of California, Irvine 2011
Bachelor of Arts in Quantitative Economics
Bachelor of Arts in Sociology (Honors)
Mathematics, Statistics, and Philosophy Minors

Dissertation

Unified Price Indices for Spatial Comparisons
University of Michigan, September 2019
Roderick Little and Matthew Shapiro, Co-Chairs
Developed and implemented a method to estimate spatial price indices at low levels of aggregation, such as US counties, using Nielsen's retail scanner data.

Employment

CSCAR Consultant May 2018 — May 2019
Helped graduate students and faculty resolve statistical questions related to their research. Offered assistance with tasks such as designing surveys and experiements and analyzing their results, conducting power analyses, dealing with dependent data, and using statistical software such as SPSS, R, and Python.

Graduate Student Instructor August 2013 — September 2019
Taught lab sections for introductory to intermediate statistics courses. Duties included lecturing about statistical tools and topics, explaining material in office hours, grading exams and homework assignments, writing questions for quizzes, and teaching R and SPSS.

Bureau of Economic Analysis Intern June 2015 — August 2015
Researched the process by which raw price quotes are aggregated to regional price parities. Wrote press releases, reviewed data before release, and used SAS to produce supplementary tables. Used SAS with data from the ACS Public Use Microdata Sample to estimate rents at the county level, and compared these to estimates obtained using internal Census data.

Fellowships

Rackham Merit Fellowship 2012
Undergraduate Research Opportunities (UROP) Fellowship 2009

Skills

Computer Languages	R, Python, SQL, SPSS, SAS, HTML, CSS
Operating Systems	Microsoft Windows, Mac OS X, Debian GNU/Linux